

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 3, 2003, 10:23:23 ; Search time 18.5827 Seconds
(without alignments)
2304.171 Million cell updates/sec

Title: US-09-778-187B-4

Perfect score: 2197
Sequence: 1 AAPPGLRLRLLLLSAAL.....TALINAGGQNNSEKKEYF 423Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 383519 seqs, 10123694 residues

T number of hits satisfying chosen parameters: 383519

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA.*

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- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB pep.*
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- 14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2197	100.0	423	US-09-778-510-22	Sequence 22, Appl
2	2197	100.0	423	US-09-778-187B-4	Sequence 4, Appl
3	2169	98.7	442	US-09-778-510-20	Sequence 20, Appl
4	2169	98.7	442	US-09-778-187B-2	Sequence 2, Appl
5	2169	98.7	442	US-09-984-130-136	Sequence 136, App
6	2149	97.8	440	US-09-944-413-61	Sequence 61, Appl
7	2149	97.8	440	US-09-944-403-61	Sequence 61, Appl
8	2149	97.8	440	US-09-944-896-61	Sequence 61, Appl
9	2149	97.8	440	US-09-944-946-61	Sequence 61, Appl
10	2149	97.8	440	US-09-944-907-61	Sequence 61, Appl
11	2149	97.8	440	US-09-944-929-61	Sequence 61, Appl
12	2149	97.8	440	US-10-174-590-34	Sequence 34, Appl
13	2149	97.8	440	US-10-176-758-34	Sequence 34, Appl
14	2149	97.8	440	US-10-173-737-34	Sequence 34, Appl
15	2149	97.8	440	US-10-173-706-34	Sequence 34, Appl
16	2149	97.8	440	US-10-175-738-34	Sequence 34, Appl
17	2149	97.8	440	US-10-175-752-34	Sequence 34, Appl
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19	2149	97.8	440	US-10-176-757-34	Sequence 34, Appl

20	2149	97.8	440	US-10-176-913-34	Sequence 34, Appl
21	2149	97.8	440	US-10-180-552-34	Sequence 34, Appl
22	2149	97.8	440	US-10-180-557-34	Sequence 34, Appl
23	2149	97.8	440	US-10-173-700-34	Sequence 34, Appl
24	2149	97.8	440	US-10-174-572-34	Sequence 34, Appl
25	2149	97.8	440	US-10-174-579-34	Sequence 34, Appl
26	2149	97.8	440	US-10-174-588-34	Sequence 34, Appl
27	2149	97.8	440	US-10-175-739-34	Sequence 34, Appl
28	2149	97.8	440	US-10-175-740-34	Sequence 34, Appl
29	2149	97.8	440	US-10-175-743-34	Sequence 34, Appl
30	2149	97.8	440	US-10-176-488-34	Sequence 34, Appl
31	2149	97.8	440	US-10-176-492-34	Sequence 34, Appl
32	2149	97.8	440	US-10-176-492-34	Sequence 34, Appl
33	2149	97.8	440	US-10-176-747-34	Sequence 34, Appl
34	2149	97.8	440	US-10-176-750-34	Sequence 34, Appl
35	2149	97.8	440	US-10-176-985-34	Sequence 34, Appl
36	2149	97.8	440	US-10-176-987-34	Sequence 34, Appl
37	2149	97.8	440	US-10-176-991-34	Sequence 34, Appl
38	2149	97.8	440	US-10-176-992-34	Sequence 34, Appl
39	2149	97.8	440	US-10-176-993-34	Sequence 34, Appl
40	2149	97.8	440	US-10-184-658-34	Sequence 34, Appl
41	2149	97.8	440	US-10-173-695-34	Sequence 34, Appl
42	2149	97.8	440	US-10-173-697-34	Sequence 34, Appl
43	2149	97.8	440	US-10-173-705-34	Sequence 34, Appl
44	2149	97.8	440	US-10-174-576-34	Sequence 34, Appl
45	2149	97.8	440	US-10-174-585-34	Sequence 34, Appl

ALIGNMENTS

RESULT 1
US-09-778-510-22
Sequence 22, Application US/09778510
Patent No. US20020164686A1
GENERAL INFORMATION:
APPLICANT: Baum, Peter
TITLE OF INVENTION: Molecules Designated B7L1
FILE REFERENCE: 2844-US
CURRENT APPLICATION NUMBER: US/09/778,510
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: PCT/US99/17906
PRIOR FILING DATE: 1999-08-05
PRIOR APPLICATION NUMBER: 60/095,663
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 22
LENGTH: 423
TYPE: PRT
ORGANISM: Mus musculus
US-09-778-510-22

Query Match 100.0%; Score 2197; DB 9; Length 423;
Best Local Similarity 100.0%; Pred. No. 5e-128;
Matches 423; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY	61	PNRQTIYFRDFPPLKDSRFQNLNFSSESLKVLTVNVSIDEGRYFCQLTDPQESYTTI	120
DB	61	PNRQTIYFRDFPPLKDSRFQNLNFSSESLKVLTVNVSIDEGRYFCQLTDPQESYTTI	120
QY	121	TVLVPRLNIMIDIOKDTAVEGEIEVNCYAMSKPATITRMFGKNEKLGKSEVEBSDM	180
DB	121	TVLVPRLNIMIDIOKDTAVEGEIEVNCYAMSKPATITRMFGKNEKLGKSEVEBSDM	180
QY	181	YVTVSOLMKVHKEDGVVICOVHPATVGNLQTORVLEVQYKPOVHIOMYPIQGLTR	240
DB	181	YVTVSOLMKVHKEDGVVICOVHPATVGNLQTORVLEVQYKPOVHIOMYPIQGLTR	240

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OM protein - protein search, using sw model

Run on: June 3, 2003, 10:15:57 ; Search time 12.2636 Seconds
(without alignments)
1060.451 Million cell updates/sec

Title: US-09-778-187B-2

Perfect score: 2283
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Scoring table: BL0SUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Minimum DB seq length: 0
Maximum DB seq length: 200000000
Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Post-Processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Issued Patents AA:*
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5: /cgn2_6/prodata/1/1aa/6CTUS-COMB.pep.*
6: /cgn2_6/prodata/1/1aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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4	895.5	39.2	421	4	US-08-660-531-1
5	232	10.2	393	1	US-08-429-742-2
6	222	9.7	458	4	US-09-435-956A-1
7	208	9.1	388	4	US-08-429-742-4
8	206	9.0	642	1	US-08-217-299-1
9	206	9.0	698	2	US-08-602-725-36
10	206	9.0	734	2	US-08-389-459A-17
11	206	9.0	734	3	US-08-987-867A-17
12	200.5	8.8	308	2	US-08-414-657D-46
13	200.5	8.8	325	2	US-08-414-657D-2
14	200.5	8.8	325	2	US-08-414-657D-41
15	200.5	8.8	325	2	US-08-414-657D-2
16	199.5	8.7	338	2	US-08-414-657D-42
17	199.5	8.7	338	2	US-08-414-657D-43
18	199.5	8.7	338	4	US-09-135-080-4
19	199.5	8.7	1241	4	US-09-040-774-2
20	198.5	8.7	315	2	US-08-414-657D-47
21	198.5	8.7	408	4	US-09-724-864-62
22	197.5	8.7	338	2	US-08-414-657D-60
23	197.5	8.7	338	4	US-09-135-080-8
24	197	8.6	583	2	US-08-432-016-2
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28	186	8.1	1447	4	US-09-041-886-25	Sequence 25, App1
29	186	8.1	1447	5	PCT-US94-05277-2	Sequence 2, App1
30	185	8.1	287	2	US-08-414-657D-48	Sequence 48, App1
31	185	8.1	304	2	US-08-414-657D-44	Sequence 44, App1
32	185	8.1	431	4	US-09-038-832-2	Sequence 4, App1
33	185	8.1	185	4	US-09-038-832-4	Sequence 4, App1
34	184	8.1	310	2	US-08-414-657D-45	Sequence 45, App1
35	183	8.0	287	2	US-08-414-657D-49	Sequence 49, App1
36	182.5	8.0	477	2	US-08-432-016-3	Sequence 3, App1
37	182.5	8.0	477	2	US-08-684-594-3	Sequence 3, App1
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39	178	7.8	869	1	US-08-374-834-16	Sequence 16, App1
40	178	7.8	869	2	US-08-644-271-29	Sequence 29, App1
41	178	7.8	869	4	US-09-077-955-33	Sequence 33, App1
42	176.5	7.7	478	5	PCT-US95-08493-15	Sequence 15, App1
43	176.5	7.7	860	5	PCT-US95-08493-19	Sequence 19, App1
44	176.5	7.7	868	5	PCT-US95-08493-21	Sequence 21, App1
45	175.5	7.7	607	2	US-08-752-307B-12	Sequence 12, App1

ALIGNMENTS

RESULT 1
US-08-659-984A-5
Sequence 5, Application US/08659984A
Patent No. 5942400
GENERAL INFORMATION:
APPLICANT: Anderson, John P.
APPLICANT: Sinha, Sukanto
APPLICANT: Jacobson-Croak, Kirsten L.
TITLE OF INVENTION: Assays for Detecting Beta-Secretase
TITLE OF INVENTION: Inhibition
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Ctr., 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,984A
FILING DATE: 07-JUN-1996
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/485,152
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Healin, James M.
REGISTRATION NUMBER: 29,541
REFERENCE/DOCKET NUMBER: 15270-002810US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 444 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-659-984A-5

Query Match 39.5%; Score 902; DB 2; Length 444;
Best Local Similarity 44.6%; Pred. No. 5.9e-71;
Matches 194; Conservative 74; Mismatches 137; Indels 30; Gaps 7;

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RESULT 2

Sequence 5, Application US/0860531
 Patent No. 6221645
 GENERAL INFORMATION:
 APPLICANT: Chrysler, Susanna M.S.
 APPLICANT: Sinha, Sukanto
 APPLICANT: Keim, Pamela S.
 APPLICANT: Anderson, John P.
 TITLE OF INVENTION: Beta-Secretase
 NUMBER OF SEQUENCES: 21
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Ctr., 8th Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/660,531
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/480,498
 FILING DATE: 07-JUN-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Heslin, James M.
 REGISTRATION NUMBER: 29,541
 REFERENCE/DOCKET NUMBER: 15270-002210US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-326-2400
 TELEFAX: 415-326-2422
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 444 amino acids

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;      TYPE: amino acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;      MOLECULE TYPE: protein
US-08-660-531-5

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Query Match	39.5%;	Score 902;	DB 4;	Length 444;
Best Local Similarity	44.6%;	Pred. No. 5.9e-71;		
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OY 88 DFRPLKDSFQOLLNFSSELEKVLSTNVSISDEGRYFCQLYTDPQESYTTIIVLVPRNL 147
Db 77 DKALNDNRIELVRASMHESIISVSDVSLDEGQYTCSLFPMAPKTSKAYLTVLGVPEKP 136

OY 148 MIDIQDITAVEEBEELVNCTAMASKPATTIMFKNGLKCKSVEEMS---DMYVTSQ 204
Db 137 QISGFSSPVMGGLMQLCTKTSIGSSRPADIMPKNDSEIKOVKYLKEDANDRKFTIVSST 196

OY 205 LMLKHKEDDGPVVICQVEHPAVTNTLQ-TORYLEVQYKPOVHIQMTYPLQGLTREGDAL 263
Db 197 LDFRVSRDDGVAVICRVDHESLNTFPQVAMQVLEIHYTPSVKI---IPSTPFOEQPL 253

OY 264 ELTCEALIGRPQPMVTWVRVDEMM--PQHAVLSEPNLFINNLTNDNGYRCESNSIVK 321
Db 254 ILLCESKGRPLPEPVLMTKDGELDPDRMVWSGELNILELNTKTDNGYRCESNTNYGQ 311

OY 322 AHSQVMLVYVVDPTTIPRPTTTTTTTTTTTTTTTTTIILIR-----DSRAGEG 367
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OY 368 SIRAVDHAVIGGVAVVVFAMCLLILGRFARKKGTFFHEAKGADDAADADTALINA 427
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OY 428 EGGONNSEKKKEYFI 442
Db 430 EGSQVNAEKKEYFI 444

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RESULT 3

Sequence 1, Application US/08659984A
Patent No. 5942400
GENERAL INFORMATION:
APPLICANT: Anderson, John P.
APPLICANT: Sinha, Sukanto
APPLICANT: Jacobson-Croak, Kirsten L.
TITLE OF INVENTION: Assays for Detecting Beta-Secretase
TITLE OF INVENTION: Inhibition
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Ctr., 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/659,984A
FILING DATE: 07-JUN-1996
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/485,152
FILING DATE: 07-JUN-1995

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OM protein - protein search, using sw model

Run on: June 3, 2003, 10:23:23 ; Search time 19.4173 Seconds
(without alignments)
2304.171 Million cell updates/sec

Title: US-09-778-187B-2

Perfect score: 2283 1 MASVLPSSGSCAAAAA.....AIIAAGCGNNSEKKEYFI 442

Sequence: 1 MASVLPSSGSCAAAAA.....AIIAAGCGNNSEKKEYFI 442

Scoring table: BLOSUM62
Gap 10.0, Gapext 0.5

Searched: 383519 seqs, 101223694 residues

T number of hits satisfying chosen parameters: 383519

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications AA*
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2: /cgn2_6/prodata/1/pubpaa/PCT_NEW_PUB pep: *
3: /cgn2_6/prodata/1/pubpaa/US06_NEW_PUB pep: *
4: /cgn2_6/prodata/1/pubpaa/US06_PUBCOMB pep: *
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2283	100.0	442	9	US-09-778-510-20
2	2283	100.0	442	9	US-09-778-187B-2
3	2283	100.0	442	9	US-09-984-130-136
4	2263	99.1	440	9	US-09-944-413-61
5	2263	99.1	440	9	US-09-944-403-61
6	2263	99.1	440	9	US-09-944-896-61
7	2263	99.1	440	9	US-09-944-844-61
8	2263	99.1	440	9	US-09-944-907-61
9	2263	99.1	440	9	US-09-944-929-61
10	2263	99.1	440	9	US-10-174-590-34
11	2263	99.1	440	9	US-10-176-758-34
12	2263	99.1	440	9	US-10-175-737-34
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21	2263	99.1	440	9	US-10-173-700-34	Sequence 34, Appl
22	2263	99.1	440	9	US-10-174-572-34	Sequence 34, Appl
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24	2263	99.1	440	9	US-10-174-582-34	Sequence 34, Appl
25	2263	99.1	440	9	US-10-174-588-34	Sequence 34, Appl
26	2263	99.1	440	9	US-10-175-739-34	Sequence 34, Appl
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31	2263	99.1	440	9	US-10-176-747-34	Sequence 34, Appl
32	2263	99.1	440	9	US-10-176-750-34	Sequence 34, Appl
33	2263	99.1	440	9	US-10-176-985-34	Sequence 34, Appl
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36	2263	99.1	440	9	US-10-176-992-34	Sequence 34, Appl
37	2263	99.1	440	9	US-10-176-993-34	Sequence 34, Appl
38	2263	99.1	440	9	US-10-184-658-34	Sequence 34, Appl
39	2263	99.1	440	9	US-10-173-695-34	Sequence 34, Appl
40	2263	99.1	440	9	US-10-173-697-34	Sequence 34, Appl
41	2263	99.1	440	9	US-10-173-705-34	Sequence 34, Appl
42	2263	99.1	440	9	US-10-174-576-34	Sequence 34, Appl
43	2263	99.1	440	9	US-10-174-585-34	Sequence 34, Appl
44	2263	99.1	440	9	US-10-174-586-34	Sequence 34, Appl
45	2263	99.1	440	9	US-10-175-747-34	Sequence 34, Appl

ALIGNMENTS

RESULT 1
US-09-778-510-20 Application US/09778510
Sequence 20, Patent No. US20020164686A1
GENERAL INFORMATION:
APPLICANT: Baum, Peter
TITLE OF INVENTION: Molecules Designated B7L1
FILE REFERENCE: 2844-US
CURRENT APPLICATION NUMBER: US/09/778,510
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: PCT/US99/17906
PRIOR FILING DATE: 1999-08-05
PRIOR APPLICATION NUMBER: 60/095,663
NUMBER OF SEQ ID NOS: 1998-08-07
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 20
LENGTH: 442
TYPE: PRT
ORGANISM: Homo sapien
US-09-778-510-20

Query Match	100.0%;	Score 2283;	DB 9;	Length 442;
Best Local Similarity	100.0%;	Pred. No. 4.5e-130;		
Matches 442;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MASVLPSSGSCAAAAA	PPGLRLRLLLFSAAALIPGDDGNTLTKDVTVEGEVA	60
Db	1	MASVLPSSGSCAAAAA	PPGLRLRLLLFSAAALIPGDDGNTLTKDVTVEGEVA	60
Qy	61	TISQVKNKDDSVIQLNPNRQTIYRFRDPLKDSRFQILNPFSSSELKSLTVNSISDEG	120	
Db	61	TISQVKNKDDSVIQLNPNRQTIYRFRDPLKDSRFQILNPFSSSELKSLTVNSISDEG	120	
Qy	121	RYFCQLYTPDPQESYTTITVLVPPRNLMIDIOKDTAVEGEEIIVNCTAMASKPATIRMF	180	
Db	121	RYFCQLYTPDPQESYTTITVLVPPRNLMIDIOKDTAVEGEEIIVNCTAMASKPATIRMF	180	
Qy	181	KGNTELKGKSEVEWSMDMTVTSQMLKVKHKDDGVPVICOVHPAVTGNLQTORYLEVO	240	
Db	181	KGNTELKGKSEVEWSMDMTVTSQMLKVKHKDDGVPVICOVHPAVTGNLQTORYLEVO	240	

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OM protein - protein search, using sw model

Run on: June 3, 2003, 10:15:57 ; Search time 11.7364 Seconds
(without alignments)
1060.451 Million cell updates/sec

Title: US-09-778-187b-4

Perfect score: 2197
Sequence: 1 AAPGRLRLLLLLLAAAL.....TALINAGGONNSEEKEYF 423Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

1. number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 200000000Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA: *
1: /cgn2_6/prodata/1/aa/5a-COMB.pep.*
2: /cgn2_6/prodata/1/aa/5b-COMB.pep.*
3: /cgn2_6/prodata/1/aa/6a-COMB.pep.*
4: /cgn2_6/prodata/1/aa/6b-COMB.pep.*
5: /cgn2_6/prodata/1/aa/PCTUS-COMB.pep.*
6: /cgn2_6/prodata/1/aa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	904	41.1	444	2	US-08-659-984A-5
2	904	41.1	444	4	US-08-660-531-5
3	893.5	40.7	421	2	US-08-659-984A-1
4	893.5	40.7	421	4	US-08-660-531-1
5	231.5	10.5	393	1	US-08-429-742-2
6	216	9.8	458	4	US-09-435-956A-1
7	206.5	9.4	308	2	US-08-414-657D-46
8	206.5	9.4	335	2	US-08-414-657D-2
9	206.5	9.4	335	2	US-08-414-657D-41
10	206.5	9.4	335	4	US-09-135-080-2
11	206.5	9.4	388	1	US-08-429-742-4
12	204.5	9.3	315	2	US-08-414-657D-47
13	204.5	9.3	338	2	US-08-414-657D-42
14	204.5	9.3	338	4	US-08-414-657D-43
15	204.5	9.3	338	4	US-09-135-080-4
16	204	9.3	642	1	US-08-217-299-1
17	204	9.3	698	2	US-08-389-459A-17
18	204	9.3	734	2	US-08-389-459A-17
19	204	9.3	734	2	US-08-987-867A-17
20	203.5	9.3	563	2	US-08-432-016-2
21	203.5	9.3	563	2	US-08-684-594-2
22	198.5	9.0	338	2	US-08-414-657D-60
23	198.5	9.0	338	4	US-09-135-080-8
24	196.5	8.9	1241	4	US-09-040-774-2
25	193	8.8	1395	4	US-09-540-245A-15
26	192	8.7	1651	4	US-09-540-245A-18
27	188	8.6	408	4	US-09-724-864-62

28	187	8.5	287	2	US-08-414-657D-48	Sequence 48, App1
29	187	8.5	304	2	US-08-414-657D-44	Sequence 44, App1
30	185	8.4	287	2	US-08-414-657D-49	Sequence 49, App1
31	185	8.4	310	2	US-08-414-657D-45	Sequence 45, App1
32	183.5	8.4	477	2	US-08-432-016-3	Sequence 3, App1
33	183.5	8.4	477	2	US-08-684-594-3	Sequence 3, App1
34	183.5	8.4	1297	4	US-09-540-245A-17	Sequence 17, App1
35	182.5	8.3	431	4	US-09-038-832-2	Sequence 4, App1
36	182.5	8.3	431	4	US-09-038-832-4	Sequence 25, App1
37	177	8.1	1447	5	PCT-US94-05277-2	Sequence 2, App1
38	177	8.1	1447	5	US-08-752-307B-12	Sequence 12, App1
39	176.5	8.0	607	2	US-09-707-802-12	Sequence 12, App1
40	176.5	8.0	607	4	US-09-991-326-12	Sequence 12, App1
41	174.5	7.9	607	4	PCT-US95-08493-15	Sequence 15, App1
42	174.5	7.9	478	5	PCT-US95-08493-19	Sequence 19, App1
43	174.5	7.9	860	5	PCT-US95-08493-21	Sequence 21, App1
44	174.5	7.9	868	5	PCT-US95-08493-21	Sequence 16, App1
45	172.5	7.9	869	1	US-08-574-834-16	

ALIGNMENTS

RESULT 1
US-08-659-984A-5
; Sequence 5, Application US/08659984A
; Patent No. 5942400
; GENERAL INFORMATION:
; APPLICANT: Anderson, John P.
; APPLICANT: Sinha, Sukanto
; APPLICANT: Jacobson-Crook, Kirsten L.
; TITLE OF INVENTION: Assays for Detecting Beta-Secretase
; TITLE OF INVENTION: Inhibition
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Crew LLP
; STREET: Two Embarcadero Ctr., 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/659,984A
; FILING DATE: 07-JUN-1996
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/485,152
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET INFORMATION: 15270-002810US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 444 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-659-984A-5

Query Match 41.1%; Score 904; DB 2; Length 444;
Best Local Similarity 44.7%; Pred. No. 2.8e-72;
Matches 194; Conservative 74; Mismatches 136; Indels 30; Gaps 7;

